



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

SEP 06 2001

ATTY.'S DOCKET: TANGA2

In re Application of:
Michifumi TANGA, et al.
Serial No.: 09/601,875
Filed: October 12, 2000
For: SUBSTRATES AND CHIPS
FOR IMMOBILIZING AND
AMPLIFYING DATA

) Art Unit: 1655
)
) Examiner: C. WILDER
)
) Confirmation No.
)
) Washington D.C.
)
) September 5, 2001
)

TECH CENTER 1600/2900

#11/K
Med/a
9/6/01
(R/S)

AMENDMENT AFTER FINAL

Honorable Commissioner for Patents
Washington, D.C. 20231

In response to the Office Action of June 7, 2001,
please enter the following amendment:

IN THE SPECIFICATION

Please enter the substitute specification submitted
herewith. The substitute specification contains no new
matter.

IN THE CLAIMS

Please amend claim 1 as follows:

1. (Twice Amended) Solid state substrate for DNA
immobilization, said solid state substrate having a thermal
conductivity ratio of at least 0.1W/cm°K for amplifying and
immobilizing DNA.

[Please amend claim 2 as follows:]

2. (Amended) A substrate as claimed in claim 1,
wherein said substrate is natural diamond or synthetic
diamond.

09/05/2001 STEFFERA 00000142 09501875

01 FCB
01 FCB

216.00 CP
720.00 CP